

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SE00736LA

This Certificate issued to MICHAEL ADAMSON
3695 Avalon Street #30
Riverside, California 92509

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 13 of the Civil Air Regulations.

Original Product Type Certificate Number : E-273 Rev. 36
Make : Teledyne Continental Motors
Model : O-470-M, Serial Number 53012-8-M

Description of Type Design Change: Replacement of various fuel and lubrication system parts with items from an IO-470-K engine to permit installation in a Beech model 35-A33 airplane. These changes must be made in accordance with Michael Adamson, Installation Instructions, Continental O-470-M Conversion, Manual #1, Revision N/C, dated January 6, 1999, or later FAA approved revisions.

Limitations and Conditions: The approval of this modification in type design applies to the above listed engine only. This approval should not be extended to other engines of this model. This STC is required prior to accomplishing STC SA00735LA. A copy of this STC SE00736LA, and Michael Adamson Installation Instructions, Continental O-470-M Conversion, Manual #1, Revision N/C, dated January 6, 1999, or later FAA approved revision, shall be maintained as part of the permanent maintenance records of the modified engine. (Limitations continued on Page 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : May 13, 1997

Date reissued :

Date of issuance : March 19, 1999

Date amended :



By direction of the Administrator

Rejean Chartier (Signature)
Manager, Propulsion Branch
Los Angeles Aircraft Certification Office
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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(Continuation Sheet)

NOTE:

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Limitations and Conditions Continued:

The center of gravity location, weight, carburetion type, oil capacity, maximum permissible cylinder temperature, and fuel pressure limits, published in TCDS E-273 Rev. 36 no longer apply to the above engine model and serial number. A revised weight and balance must be computed by weighing the aircraft modified by installation of this engine.

Oil Sump Capacity: (quarts)

10 usable at 18° noseup and 14° nosedown attitudes

Cylinder head maximum temperature: 460° bayonet probe

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